INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/40366

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C09K, 3/00; C23F 11/00; C08K 5/3432, 5/17, 5/3467, 5/524 US CL : 252/390, 394, 397; 524/99, 100, 111, 126, 128, 136, 139, 147, 153; 522/75, 76, 78, 79, 150, 157, 161 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 524/99, 100, 111, 126, 128, 136, 139, 147, 153; 522/75, 76, 78, 79, 150, 157, 161					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where ap	propriate, o	f the relevant passages	Relevant to claim No.	
Х	US 6,664,317 B1 (KING, III) 16 December 2003 (16 9, ln 52 to col 10, ln 2; col 11, ln 7-28; col 13, ln 36-26-19, Examples 1-4.			1-4 and 6-12	
Y	US .2003/0148056 A1 (UTZ et al.) 07 August 2003 (07.08.2003) page 8, [0114], to page 9, [0117].			4 and 6	
Y	US 2001/0047046 A1 (GUPTA et al.) 29 November 2001 (29.11.2001), page 2, [0030] to page 3, [0047]; page 6, [0132], [0134], [0139].			1-4,	
Y	US 6,376,584 B1 (GALBO et al.) 23 April 2002, (23.04.2002, Abstract, co 1, ln 9-16; col 2, ln 7-20; col 15 ln 39-50, col 23, ln 36-46; col 24, ln 6-10 and ln 36-67; col 32, ln 52-62.			1-4,	
Further	documents are listed in the continuation of Box C.		See patent family annex.		
Special categories of cited documents:			later document published after the intern		
"A" document defining the general state of the art which is not considered to be of particular relevance			and not in conflict with the application but cited to understand the principle or theory underlying the invention		
	dication or patent published on or after the international filing date	"X"	document of particular relevance; the cla considered novel or cannot be considere when the document is taken alone		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means		"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art		
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family			
Date of the actual completion of the international search		Date of mailing of the international search report 05 JUI 2004			
08 June 2005 (08.06.2005)			d officer	<u> </u>	
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US				_ ^	
Commissioner for Patents		David Wu Jean Proctor			
P.O. Box 1450 Alexandria, Virginia 22313-1450 Telep			No. (571) 272-1700 Tralegal	Specialization	
Facilità No. (702) 206 2220				· V)	

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INTERNATIONAL SEARCH REPORT

International application No. PCT/US04/40366

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)				
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely.			
2.	Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:			
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).			
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)				
This Internat	ional Searching Authority found multiple inventions in this international application, as follows:			
1.	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.			
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.			
3.	As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:			
4.	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:			
Remark on Protest The additional search fees were accompanied by the applicant's protest.				
	No protest accompanied the payment of additional search fees.			

Form PCT/ISA/210 (continuation of first sheet(2)) (January 2004)